



[illegible]

Figure 2

Canine	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	-----	Q0000000	-----	T-----	SP	Q00000	Q00	EDGSPORH	87	
Human	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	LL0000	Q000000000	Q0000	-----	TS	PR0000	Q00	EDGSPORH	96	
Chimp	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	LL0000	Q000000000	Q000000000	-----	TS	PR0000	Q00	EDGSPORH	99	
Macaque	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	-----	-----	Q0	Q000000000	-----	TS	PR0000	Q00	EDGSPORH	85
Lemur	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	-----	-----	Q0000	-----	TS	PR0000	Q00	EDGSPORH	81	
Rat	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	-----	-----	Q0000	-----	TS	PR0000	Q00	EDGSPORH	81	
House	NEUQLGLGRU	VPAPPSKTYR	GAQNLFQSU	REIQNPGR	HPEARSAPP	GA	-----	-----	Q0000	-----	TS	PR0000	Q00	EDGSPORH	81	
Canine	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	187	
Human	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	188	
Chimp	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	189	
Macaque	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	177	
Lemur	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	173	
Rat	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	179	
House	PTGVLLLE	EQQPSQPSA	LEQ-PEPCU	PEPCUATNG	KGLDQPP	PEPCUATNG	TLSSLGPTFF	GLSSCSFQJ	DILSEATHQ	LL0000000	-----	-----	-----	-----	181	
Canine	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	285	
Human	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	278	
Chimp	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	281	
Macaque	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	267	
Lemur	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	263	
Rat	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	279	
House	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	Q000000000	277	
Canine	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	383	
Human	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	376	
Chimp	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	381	
Macaque	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	367	
Lemur	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	363	
Rat	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	379	
House	APLHECKBL	LDSRAKITE	ETREYFFKJ	QVXKLBES	LCCSSEBAG	SGTLEPS	SLVKSGLD	EARVQROV	VNFPLDGP	PPPPPPPH	-----	-----	-----	-----	377	
Canine	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	455	
Human	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	476	
Chimp	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	469	
Macaque	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	453	
Lemur	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	442	
Rat	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	459	
House	PHATIKLEP	DVGSJHARA	AAQCAJDL	SLHGAGAP	SSSPFARIS	SSHTLFTRE	EQOLVPC	GGGGSAGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	GGGGGGGG	457	
Canine	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	565	
Human	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	576	
Chimp	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	569	
Macaque	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	553	
Lemur	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	542	
Rat	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	559	
House	APVGVTRPP	GLQDEEDFP	PPQUMPSU	UJRUFPSP	CUKSENGH	ESVSGPYGM	PLETRADHUL	PIDVYFPQK	TCLICGDEAS	GCHVGLTCG	-----	-----	-----	-----	557	
Canine	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	665	
Human	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	676	
Chimp	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	669	
Macaque	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	653	
Lemur	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	642	
Rat	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	659	
House	SKUFFKRAA	EGKQKVLAS	RNDCTIOKFA	RKNCPSCALA	KVEAGHTLG	AKLKKLGNL	KLOEEGESS	TTSPTEETD	KJTVSHIEGV	ECQPIFLNUL	-----	-----	-----	-----	657	
Canine	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	765	
Human	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	776	
Chimp	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	769	
Macaque	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	753	
Lemur	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	742	
Rat	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	759	
House	ERIEPGUACA	GHONNPODSF	RALLSSNEL	GEROLUHAUK	WAKALPGFRN	LUUDDQHAI	QVSHGLMUF	ANGURSFTNU	NSRILVFAPD	LUFNEVRANK	-----	-----	-----	-----	757	
Canine	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	865	
Human	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	876	
Chimp	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	869	
Macaque	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	853	
Lemur	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	842	
Rat	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	859	
House	SRVYSOCVRA	RHLSEFGHL	QITPQFLCH	KALLFSIIP	VDGLKQKFF	DELANNYKE	LDRITACKRK	NPTSCSRAFY	QLTKLLDSUQ	PIARELHOFT	-----	-----	-----	-----	857	
Canine	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	907	
Human	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	918	
Chimp	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	911	
Macaque	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	895	
Lemur	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	884	
Rat	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	901	
House	FOLLIKSHU	SUOFFENHRE	ISUQPKIL	SOKUKPIYFH	TQ	-----	-----	-----	-----	-----	-----	-----	-----	-----	899	

Figure 3

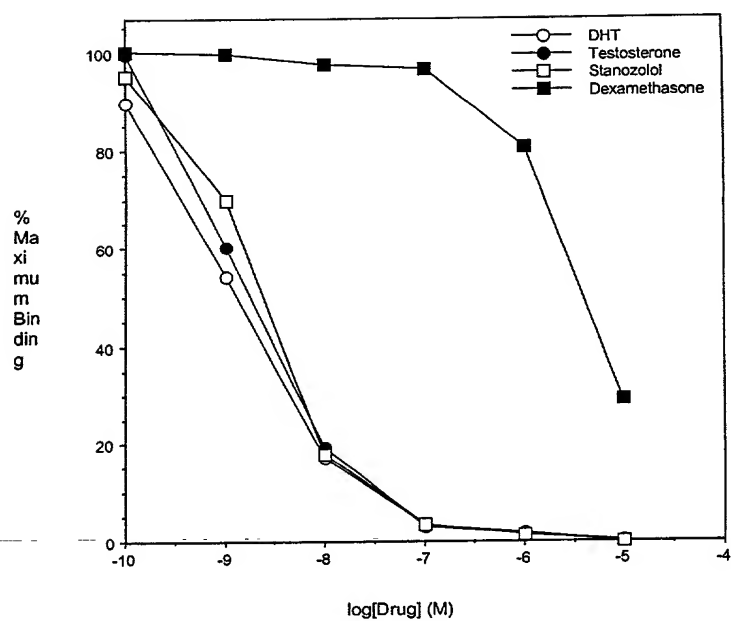


Figure 4

10008739-10901  
105011-02/80001

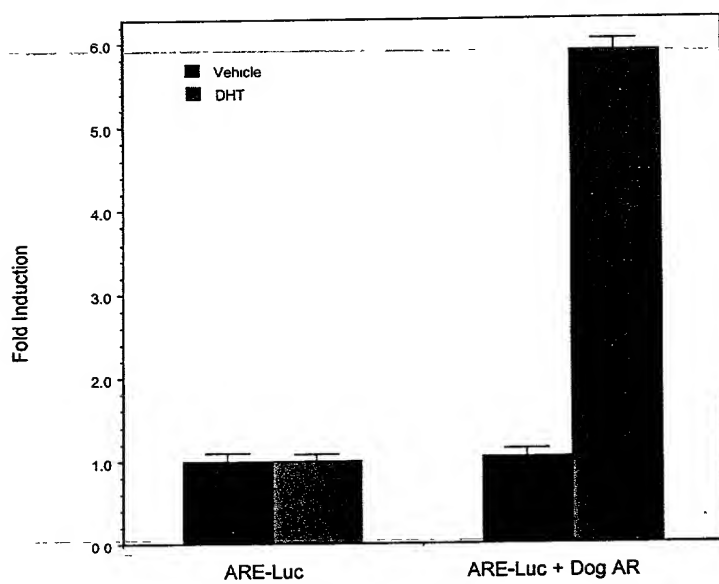


Figure 5